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FARM AND GARDEN

Latest Poultry News for Benefit of Clatsop Farmers.

PROFITING BY EXPERIENCE

Old Methods of Caring for Turkeys and Other Fowls Growing into Disuse and Many New Methods Adopted With Practical Results.

The manner of handling the turkey hens and little poulters when the poulters hatch and during the ten days that immediately follow depends considerably upon the conditions to which they are subject, writes H. A. Nourse in Reliable Poultry Journal.

Some turkey breeders prefer to give the young free range and throw them wholly upon their own resources. Other breeders give them full liberty to go where they like, but feed the hen and brood regularly. Still others find it best to confine the poulters or the hens until the young turkeys are well started.

The natural way for a hen to do after the hatch is complete is to take her brood into the fields or into the brush if there is any. There she protects them from enemies and feeds them with such animal and vegetable food as she can find. The young raised in that manner are strong and healthy, and when they get well started they grow rapidly. But heavy rains and periods of damp weather sometimes cause heavy losses in broods so raised, and various means are taken to prevent such loss by limiting the range for a longer or shorter time after hatching.

One method is to confine the turkey hen in a coop and allow the poulters to run at large. The coop for this purpose should not be less than four feet long by three wide and high enough to allow the hen to stretch to her full height. Hens that have not been accustomed to any kind of restraint seldom can be confined in a coop successfully.

These coops must be moved daily to fresh locations, and the hen must be dusted with lice killing powder once a week to keep down the lice, which breed and increase rapidly when the turkey is unable to take a thorough dust bath.

Unless the hen is very tame she cannot be let out for an occasional run, for it is not often possible to get her to go back to the coop.

For the young poulters there is nothing better than stale (not moldy) bread, dampened with milk, for the first two days. After that a good quality of prepared chick food made of small and finely cracked grains is a safe and desirable ration until the poulters are large enough to eat wheat, cracked corn and other coarse food. Those that are in pens or whose mothers are confined in coops must be fed three full meals a day. Some whole corn should be provided for the hen, and fresh water should be supplied at least twice each day.

The youngsters should not be fed as soon as they are hatched and dried off. They will be healthier and grow faster if no food is supplied until they are at least two days (forty-eight hours) old.

Meat as Chick Food.

In a recent report of experiments in feeding chicks the Rhode Island experiment station says:

"The use of the proper proportion of animal food will pay a handsome profit through decreased mortality and increased weight of the chicks.

"The experiment which led up to this conclusion was with an incubator hatch of 219 chickens. These were separated

into lots of about fifty each and placed in similar brooders. For thirty days all conditions were kept alike, except the rations. Pen A was fed a balanced ration of grains, meat and green food. The chicks grew and thrived, and not one chick showed symptoms of digestive disorder. The deaths amounted to 3.9 per cent. In pen B all animal food was withheld. The deaths were 9.5 per cent, of which 75 per cent had bowel trouble. Pen C was fed on grain alone, all animal food and all green food being omitted from the ration. The deaths were 32.7 per cent, of which 76.5 per cent showed digestive trouble. In pen D all grain food was omitted. The deaths of chicks were 63.7 per cent, of which 85.8 per cent showed bowel trouble. All the living chicks were weighed at the close of the test, and pen A showed the greatest average weight.

The Poultry Yard.

If there are any hollows in your poultry runs that are liable to hold water after heavy showers fill them up or drain so that the birds will not be compelled to wade through muddy water halfway up to their knees, so to speak, says Commercial Poultry. Otherwise some of those valuable and highly prized early hatched birds will likely lie down and die. And you will wonder what is the matter with them. They will be dead, of course, but you might have saved them.

Charcoal Prevents Disease.

The use of charcoal will prevent much of the diseases that affect the bowels of poultry. A teaspoonful of charcoal per fowl in the soft feed about three times a week will prove a great benefit to their health.—Farm and Live Stock Journal.

Chicken Notes.

Green bone should be fed three times a week to the laying hens and daily to the male bird.

Remember that a lousy hen cannot give you the results that she could if free from lice.

A few drops of tincture of iron in the drinking water make an excellent spring tonic for the fowls.

All deformed chicks should be killed as soon as hatched. It is a waste of time to try to raise them.

If the eggs from a certain pen are found to be largely infertile, lose no time in getting a new male to head the pen.

Never set a deformed or ill shaped egg. It is a waste of time. Select the best shaped eggs and be sure that they are from strong, vigorous stock.—Commercial Poultry.

GIANT PANSIES.

At the Portland Exposition You May See Them Four Inches Across.

Did you ever see a pansy as large as a sunflower? If you attend the approaching Lewis and Clark exposition you will see thousands as large, says the Lewis and Clark Journal. The pansy will for the first time in exposition history form an important part of the decorative scheme of the fair. Experience has shown that the climate of Oregon, which grows wheat and other farm products in wonderful prodigality, is equally well adapted to the more ornamental if less valuable flowers.

Roses bloom in riotous profusion the year round in Oregon, and Portland has gained the name of the Rose City on this account. But the development of the pansy is more recent. An energetic Portland florist, thinking that the climate and soil conditions should favor the development of the plant, imported from all parts of the world the choicest specimens of the flower. These different varieties were improved by artificial cultivation, and it was found that some few were especially adapted to life in Portland. The florist has devoted his attention to the choicest of these for several years, and the pansy has improved wonderfully under his care.

Last summer there were any number of blossoms four inches across, and even better results are expected. There will be 5,000 pansy plants set out in beds in various parts of the exposition

grounds to compete in popularity with the ever popular Oregon rose.

DEWBERRY VINES.

An Ingenious System of Handling Them the Year Round.

The diagram shows a sketch of my plan of training the dewberry, says a Rural New Yorker correspondent. Fig. 1 represents the dewberry vines trained to a wire tightly drawn between two anchored posts at ends of row, B B, with central post, C. This wire, A A, is put up in the spring, and the vines are raised up and thrown over it and tied on if necessary, leaving the ground bare beneath, where the sprouts for next year's crop can grow and be trained so as to be under the wire, out of the way of cultivation.

When the berries are all picked loosen the wire, A A, at both ends, first



Fig. 1.



Fig. 2.

cutting off the old vines, and by means of this wire, one man at each end, the old vines are pulled away from the new vines now spread out on the ground; then by straightening one end of this wire and pulling at the other end you can easily pull the wire out from the old vines and leave them between the rows, where they can be easily forked into heaps and carried off the ground, leaving everything out of the way, as seen in Fig. 2, and the new vines ready for the winter mulch.

If desired the posts, B B, can be pulled up and set away in the dry, ready to drive down in the spring. The anchor wires, Y Y, which are anchored to a stone underground, must be attached to the top of the post so it can be removed when you wish to take the posts up. These guy wires would be the only thing left on the ground through the winter. In the spring drive down the posts, stretch the wire, A A, and again train the vines by lifting them over the wire, and in this way one wire and the same posts can be used and the best possible conditions had for cultivation and for large, fine berries at less expense than any method yet devised to my knowledge. No. 14 wire is plenty large for this training wire.

The Accommodating Peony.

You can leave the peony to grow in the grass with total neglect, and it will multiply and bloom, but will not do so well as with care.

R. M. Gaston carries a full line of farm implements, also wagons, buggies and farming tools of all kinds. 105 Fourteenth street.

Terrific Race With Death. "Death was fast approaching," writes Ralph F. Fernandez of Tampa, Fla., describing his fearful race with death. "As a result of liver trouble and heart disease, which had robbed me of sleep and of all interest in life. I had tried many different doctors and several medicines, but got no benefit, until I began to use Electric Bitters. So wonderful was their effect, that in three days I felt like a new man, and today I am cured of all my troubles." Guaranteed at Chas. Rogers' drug store; price 50c.

ANDREW - ASP, Blacksmith.

Having installed a Rubber Tiring Machine of the latest pattern I am prepared to do all kinds of work at reasonable prices.

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Will positively cure any case of Kidney or Bladder disease not beyond the reach of medicine. No medicine can do more.

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strengthens the urinary organs, builds up the kidneys and invigorates the whole system.

IT IS GUARANTEED

TWO SIZES 50c and \$1.00

Passed Stone and Gravel With Excruciating Pains

A. H. Thurnes, Mgr. Wills Creek Coal Co., Buffalo, O., writes: "I have been afflicted with kidney and bladder trouble for years, passing gravel or stones with excruciating pains. Other medicines only gave relief. After taking FOLEY'S KIDNEY CURE the result was surprising. A few doses started the brick dust, like fine stones, etc., and now I have no pain across my kidneys and I feel like a new man. FOLEY'S KIDNEY CURE has done me \$1,000 worth of good."

No Other Remedy Can Compare With It

Thos. W. Carter, of Ashboro, N. C., had Kidney Trouble and one bottle of FOLEY'S KIDNEY CURE effected a perfect cure, and he says there is no remedy that will compare with it.

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CHARLES ROGERS, Druggist.